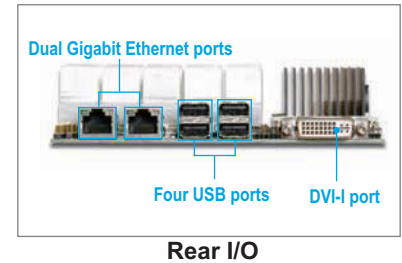
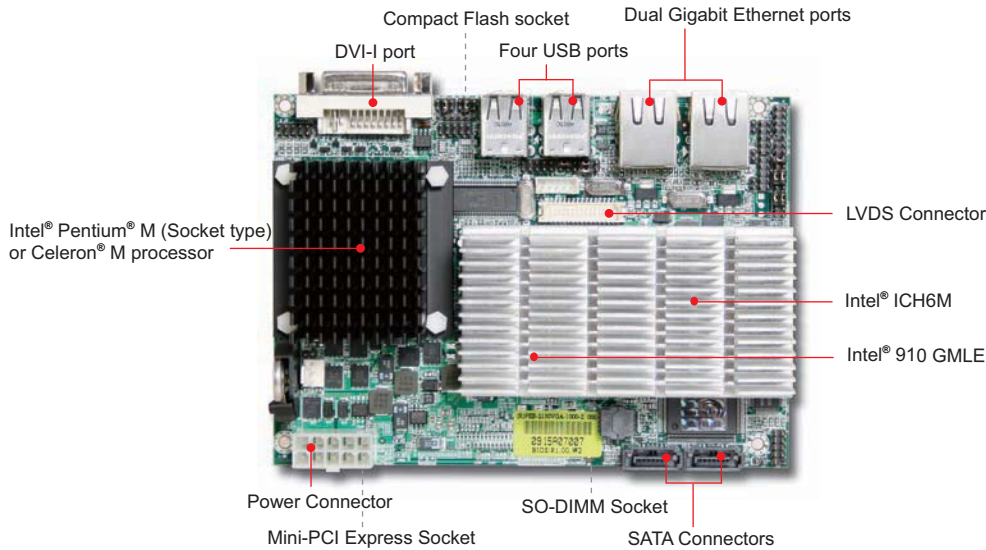


PEB-2130

3.5" Embedded size, Intel® Pentium® M or Celeron® M processor based on Embedded Board with DVI, LVDS, Dual Gigabit Ethernet, Audio and USB



FEATURES

- Intel® Pentium® M or Celeron® M in Micro-FCPGA/FCBGA package
- One 200-pin SO-DIMM supports DDR2 SDRAM up to 1GB
- One Type II Compact Flash and two SATA ports
- Dual independent display: DVI and 18bit LVDS
- On board dual Gigabit Ethernet
- Wireless application can be accomplished by adding Mini-PCI Express form factor wireless adapter

PACKING LIST

- ATX Power cable x1
- CPU heatsink x1
- Utility CD x1

ORDERING GUIDE

Standard	PEB-2130VGA-1000-Z 3.5" ESB based on Intel® Celeron® M 1GHz processor with DVI / LVDS, LAN, COM, USB and Audio
Optional	PEB-2130VGA-600 3.5" ESB based on Intel® Celeron® M 600MHz processor with DVI / LVDS, LAN, COM, USB and Audio
	PEB-2130VGA 3.5" ESB based on socket type with DVI / LVDS, LAN, COM, USB and Audio

SYSTEM

CPU	Intel® Celeron® M or Pentium® M(socket type) processor
Chipset	Intel® 910GMLE and ICH6M
System Memory	One 200-pin SO-DIMM supports DDR2 400 up to 1GB
BIOS	Award
SSD	Type II CompactFlash socket
Storage Devices	One CF socket and two SATA ports
Watchdog Timer	Programmable via S/W from 1 sec. to 255 min.
Expansion Interface	One Mini-PCI Express socket
Hardware Monitoring	- FAN Speed (CPU and System) - Temperature (CPU and System) - Voltage (CPU Vcore, VBAT, 5VSB, 12V, 5V, 3.3V) - Support case open function
Power Requirement	ATX compliant power
Dimension	146(W) x102(L) mm; 5.75"(W) x 4.0"(L)
Environment	Operation temperature: 0~55°C Storage temperature: -20~80°C Operation humidity: 5~95%, non-condensation

I/O

MIO	SATA x2, RS232 x1 and RS232/422/485(selectable) x1, 8-bit Digital I/O x1
Ethernet	Dual Gigabit Ethernet (Realtek RTL 8111B)
Audio	Mic in, Line out
USB	4 x USB 2.0 ports & 2 x USB 2.0 with header
Keyboard & Mouse	PS/2 Keyboard & Mouse (Header)

OPTIONAL

Part No.	QTY	Description
B2900260	1	SATA cable

DISPLAY

Graphic Controller	Intel® 910GMLE GMA900
Graphic Memory	Intel® DVMT 3.0 supports up to 128MB video memory
Display Interface	DVI (Chrontek 7307C) / 18bit LVDS